

STATE OF CALIFORNIA SIERRA NEVADA CONSERVANCY

Sierra Nevada Conservancy Grant Program Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Act of 2006 (Proposition 84)

Applicant: CENTRAL SIERRA RESOURCE CONSERVATION AND
DEVELOPMENT COUNCIL

Project Title: CENTRAL SIERRA WATERSHED EDUCATION PROGRAM

Application Number: SNC 080029

PROJECT SCOPE

The project will develop young watershed stewards in four Central Sierra Watersheds (Calaveras River, Stanislaus River, Sutter Creek and Tuolumne River) by providing hands-on watershed educational resources and experiences for nearly 10,000 elementary, middle and high school students at up to 25 different schools in the area. Watershed education opportunities will be provided twice annually for three years under the scope of this project.

Specifically, the Council will:

- Develop Cycles and Circles Guide for Tuolumne County. This guide will include lessons to help students map their own water supply, understand water and wastewater treatment, learn native plants and their historical uses, and study life-cycles of aquatic invertebrates and salmon.
- Conduct biannual watershed activities including 20 field-trips to sites within the multi-county area which incorporate and support the curriculum being used.
- Conduct pre- and post-field trip classroom lessons, including tests, to reinforce outdoor learning for each student that participates and gather information for reporting out on performance measures.
- Partner with the established Stewardship Through Education program for support with field activities in Tuolumne, Calaveras and Amador Counties
- Utilize standards-based curriculum for elementary students, including "Watersheds Alive" and other curriculum-based watershed field days
- Utilize the Circles and Cycles Guide during project
- Utilize the Watershed Science Service Learning Curriculum
- Utilize curriculum and students to assess the level of success on previously implemented restoration programs

PROJECT SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Teacher training – Amador and Calaveras	May 2009, 2010, 2011
Initiate development of the <i>Circle and Cycles</i> Guide for Tuolumne County	June 2009
Spring Watersheds Alive! Program and Pre- and Post-Field Trip Testing	June 2009, 2010, 2011
Institute Restoration Monitoring Curriculum	July 2009

In-service training for Tuolumne teachers	July 2010 – June 2012
Annual Implementation of <i>Circles and Cycles</i> Guide for Tuolumne County	June 2010, 2011, 2012
Complete and submit progress reports to SNC	August 2009, 2010, 2011
Teacher training – Amador and Calaveras	October 2009, 2010, 2011
Fall Watersheds Alive! Program and Pre- and Post-Field Trip Testing	November 2009, 2010, 2011
Complete and submit progress reports to SNC	February 2010, 2011, 2012
FINAL PAYMENT/FINAL PAYMENT REQUEST	August 30, 2012

PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Project Management & support staff	\$9,500
Management and implementation of the Regional Watershed Service Learning Program in Amador and Calaveras (contract)	49,000
Development, Printing and Distribution of Tuolumne/Stanslaus Watershed Guide (contract)	27,300
Indirect Administration	12,900
SNC GRANT TOTAL	\$98,700

PROJECT SUPPORT LETTERS

- Amador County Recreation Agency
- Calaveras County Office of Education
- Calaveras Public Utility District
- City of Sutter Creek
- Groveland Community Services District
- Lone Elementary School
- Mountain Oaks School
- Performing Animal Welfare Society
- Stanislaus National Forest
- Tuolumne Utilities District
- Twain Harte Community Services District
- Upper Mokelumne River Watershed Council

PROJECT PERFORMANCE MEASURES

There are four Performance Measures common to all grants. In addition, grantees are required to include between one and three project-specific measures. Performance Measures listed here represent those proposed by applicants and may be modified through further discussion with SNC staff.

- Measurable Changes in Knowledge or Behavior